

CALL REQUIREMENTS

Call Title: Green approaches based on pressurized fluids to valorise lignocellulosic biomass through furfural production (GREENFUR).

Contact persons: Maria Teresa Sanz Diez (tersanz@ubu.es) y Sagrario Beltrán (beltran@ubu.es)

Department: Biotechnology and Food Science

Category: Researcher
 Others: Technician

Workday: Full time
 Part time

Aim: To develop and collaborate on research tasks within the framework of the above project focused on furfural production from sugar-based biomass, as well as from the carbohydrate fraction of different lignocellulosic biomasses by using water in subcritical conditions. Additionally, furfural separation by pervaporation will be also studied as well as valorisation of the solid residue after subcritical water treatment by fermentation process. To comply with the schedule.

Requirements of the candidate:

- Degree in Chemistry, Food Science and Technology, Biotechnology, Industrial Chemistry or any other type of Experimental Science. The time from obtaining their degree won't be greater than 3 years from the date of publication of this call (R1a).

Duration: Initially six months, 18/09/2023 – 15/03/2024

Gross monthly remuneration: 1415 €

Application submission deadline: 7 business days from the day following the publication of this call on the Electronic Bulletin of the UBU

Documents to be provided:

- Photocopy of valid national identity card/NIE or passport.
- Curriculum vitae.
- Copy of the required academic certification of the call.